

# ELEMENT BABY BOOK PROJECT

Procedure and Example

Adapted from:

<https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=7&ved=0CEoQFjAG&url=http%3A%2F%2Fwww.pdsd.org%2Fcms%2Flib6%2FPA01000989%2FCentri%2FModuleInstance%2F1553%2FElement%2520Baby%2520Book%2520Project.pptx&ei=uYtPUe73MJKC9QTYl4DwDw&usg=AFQjCNHz5snBallpvD9dN18EUTq5PyIm0A&bvm=bv.44158598,d.eWU>

## INTRODUCTION

- In this project you will adopt an element from the periodic table.
- As the proud new parent of your element, you will create a baby book to remember each stage of your element's life.
- This counts as your extended reading. Pay special attention to the required details so you don't lose points. This extended reading is worth **55 points**
- Some parts need to be done on the computer and some by hand.

## DUE WHEN?

When:

- Start Now!

Due Date:

- May 24th

## PROCESS

- Use the resources listed on the Extended Reading page at <https://fil8science.wikispaces.com/Extended+Reading+Information> or find books in the library
- During this process remember to:
  - Include Color
  - Be Neat!
  - Check spelling and grammar
  - Fill the pages
  - Be creative!!!

COVER PAGE    5PTS.

- Name of element
- Picture of the element (in everyday use)
- Your name
- Decorative cover

# COVER PAGE (POOR) EXAMPLE

## LITHIUM



BY: Mrs. Walker

# BETTER EXAMPLE

## LITHIUM



By: Mrs. Walker

# BIRTH CERTIFICATE

## 15PTS.

Name (name of the element)	Lithium
Nickname (symbol)	Li
Birth Date (date element discovered)	1817
Birth Weight (atomic Mass)	6.941 amu
Birth Height (atomic number)	3
Race (type of element- metal, non-metal, metalloid)	metal
Doctor (discoverer)	Johan A. Arfvedson
Gender (state of matter at room temperature)	solid
Place of birth (country of discovery)	Sweden
Personality (boiling point & melting point)	1347 c/108.54c
Signature of Parent (that's you!)	
Make it look professional (border, seal of approval, etc...)	



# BIRTH CERTIFICATE EXAMPLES

FIND A STYLE YOU LIKE AND COPY IT WITH YOUR ELEMENTS INFO. (GOOGLE IMAGES) OR TYPE IT IN YOURSELF TO A WORD DOCUMENT.



STATISTICAL RECORD

JOHN DENISON RANSOM      Mother VIRGINIA MATHILDA BAKER

Full Name: JOHN DENISON RANSOM      Age: 25      Full Maiden Name: VIRGINIA MATHILDA BAKER

Residence: HQ & HQ CO USAGAPAC APO 343      Residence: P-412 Puchinobe, Japan

Component or Military Unit: SP-4      Occupation: Housewife

Birthplace: Kansas City, Missouri      Date of Birth: 5 Aug 35      Birthplace: Lakewood, Ohio      Date of Birth: 16 Feb 35

Race: Cau      Citizenship: U.S.A.      Race: Cau      Citizenship: U.S.A.

Place of Marriage: Lakewood, Ohio      Date of Marriage: 30 May 59

Number of Previous Children by This Marriage: 0 (None)      Number of Children During, Including Present: 1 (One)

Birthweight: 9 lbs. 0 oz.      Sex: Male

Length: 1 ft. 10 in.      Stillborn: ☐ Yes ☒ No

Married American Consulate Data: \_\_\_\_\_

Location of Consulate: \_\_\_\_\_

Left Foot Print      Right Foot Print

**Birth Certificate**

*This furry friend of mine,  
I'll love it for all of time.  
I picked it, I dressed it, I gave it a name  
My furry friend loves me the same.*

Name: Patch

Date of Birth: January 24<sup>th</sup>, 2006

Length: 15 inches


Weight: 1 lbs. 3 oz

ARLINGTON HOSPITAL

**Birth Certificate**

This Certifies that Wesley Ray Myers  
was born in Arlington Hospital of Arlington, Virginia  
at 11:47 AM on the 30<sup>th</sup> day of November A.D. 1957

In Witness Whereof the said Hospital has caused this Certificate to be signed by its duly authorized officer and its Corporate Seal to be hereunto affixed.

 John C. Henderson Admin.  
Charles R. Henderson M.D. Doctor

93477  
Hospital Number

# BIRTH CERTIFICATE

This is to certify that

**LITHIUM**

Birth Weight : **6.941 amu**

Birth Height: **3**

Race: **Metal**

Gender: **Solid**

Nickname: **Li**

Personality: **Boiling Point 1347C, Melting Point**  
**108.54C**



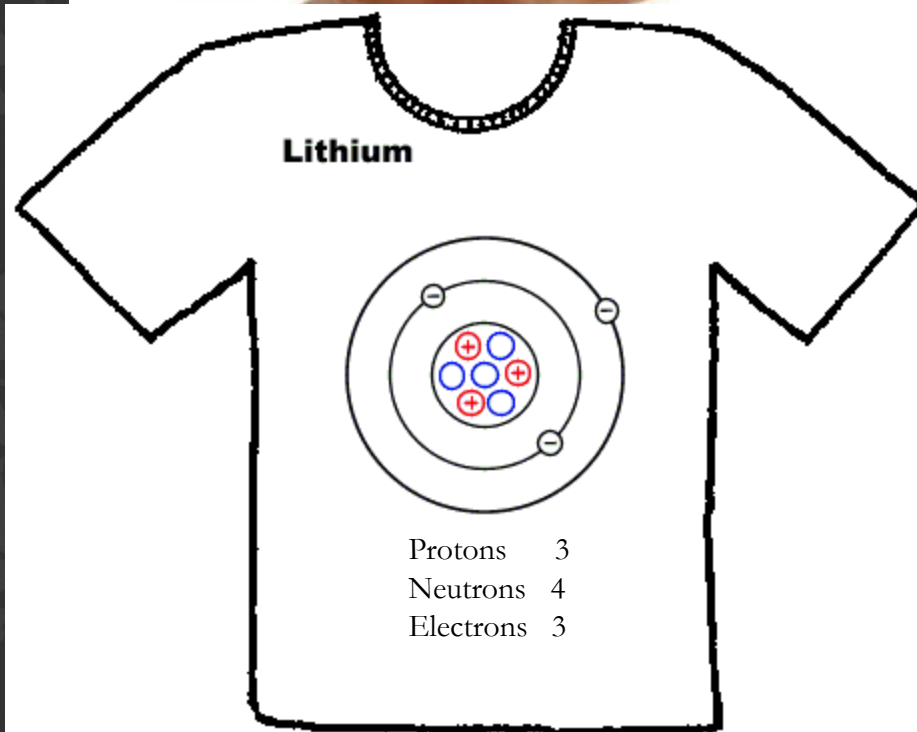
Was born in the year of **1817**  
in the country of **Sweden.**

Physician in attendance was **Johan A. Arfvedson**

Signature of Parent: *Mr. T. Lithium Element*

## BABY PICTURE 10 PTS.

- Create or cut-out a picture of a baby
- Make sure your baby also has a body!
- The baby needs to have a drawing of your element's atomic structure on their shirt
- Be sure to label your element and list its protons, neutrons & electrons in the correct amounts.

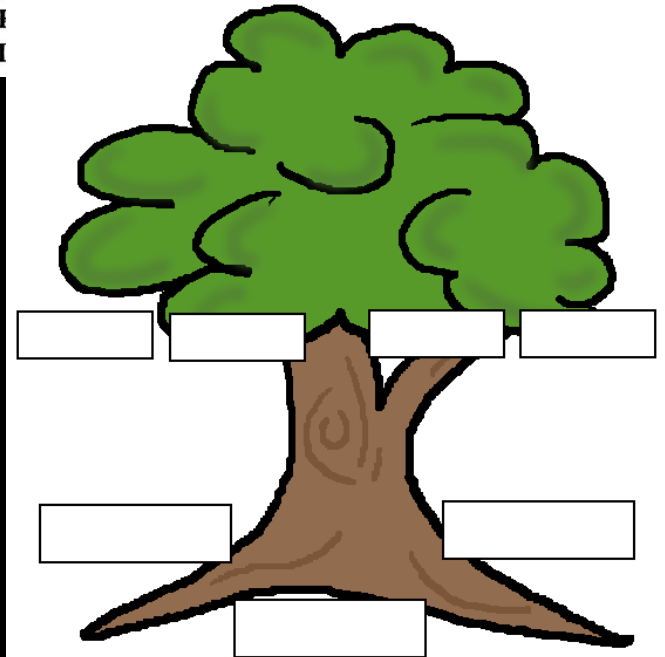
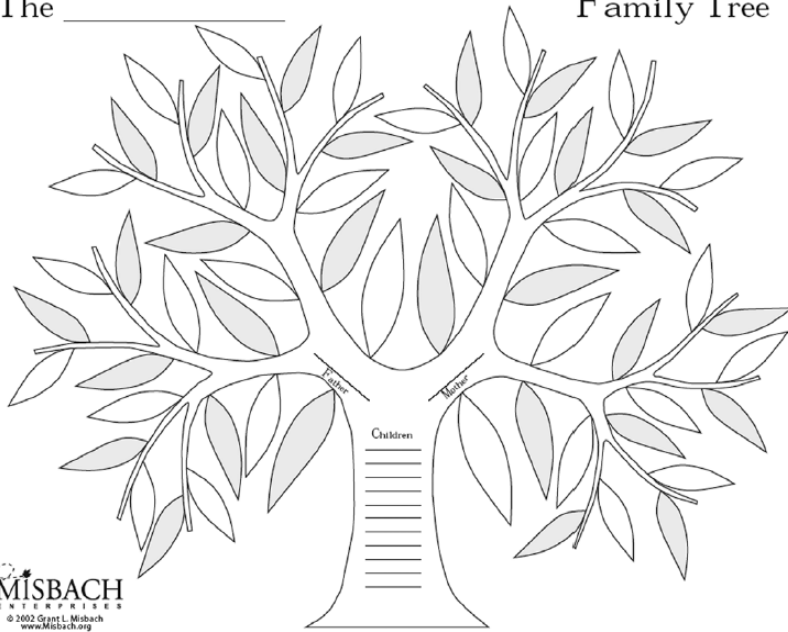


## FAMILY TREE 5 PTS.

- Create a family tree to place the following information.
- Family name (name of the group it belongs to alkali metals, halogens, etc.)
- Brothers and sisters (names of the group members)

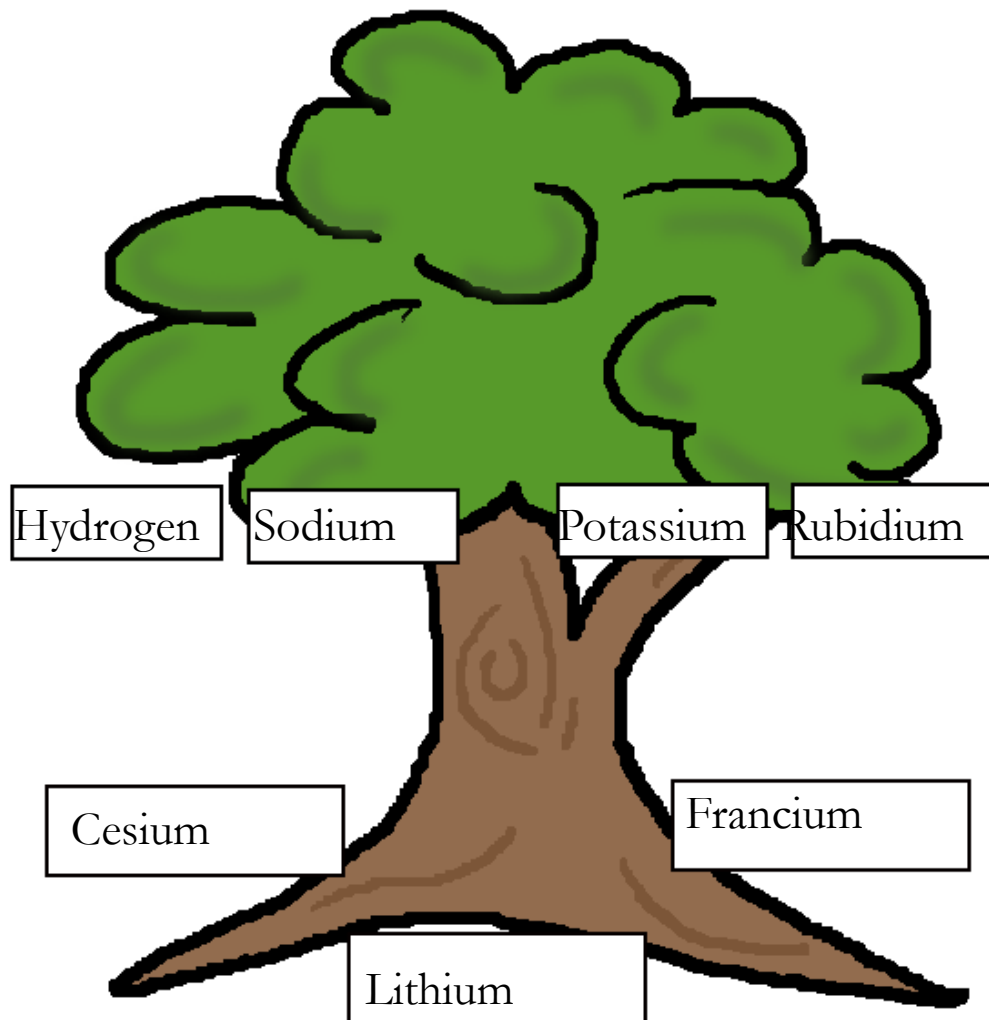


## my family tree



# The Alkali Metal Family, Group I

## **MY FAMILY TREE**



## WHEN I GROW UP 10PTS.

- In a paragraph of 8 sentences or more, explain the following:
  - Career choice ( what is your element going to be used for)
  - A picture of the career (use a different picture then the one used for the cover)
  - Explain it in the 1<sup>st</sup> person



# LITHIUM

When I grow up I want to be used in Lithium-ion batteries. I live in Bolivia now and I am waiting for the scientists to mine me and bring me to Europe where I will be put to use in hybrid and electric cars. In the past, Lithium was used for mood stabilizing drugs and thermonuclear weapons. Now BlackBerrys, electronic devices and the automotive industry need me even more. Lithium is lighter than nickel and stores more energy. Governments are fighting to purchase me now. I hope to go to Mitsubishi and be used in one of their electric cars some day.

MY FAVORITE  
STORY/POEM/SONG 10 PTS

- Create a story, poem or song about your element's life.
- It may be funny and should be appropriate but **MUST** be applicable to your elements **uses or behaviors**.
- It must contain at least 5-8 sentences (for the story) or 5- 8 lines (for the poem or song).

## The Story of Me

For a baby, I'm actually really old. I've actually been around almost since the world was created. You can usually find baby elements like me paired up in a compound, because I'm highly reactive. I'm reactive because I love to share my single electron and become a cation. I'm a giver, that's what I do! I'm an old softie, so soft that you could cut me with a knife, but please don't do that because I oxidize quickly. You can usually find me around the rocks (in the Earth's crust) or near the oceans. Babies like me don't come along every day, because I'm only the 25<sup>th</sup> most abundant element. I am really popular though, because of my usefulness in the medical field, batteries used in electronics, and as a lubricant for manufacturing!

# POEM

Lightweight

In petalite

BatTeries

JoHan Arfvedson

Reactive wIth water

Mined UUnder ground

Metal

## SOURCES

- Please use at least two sources for your projects
  - Doing more research will enable you to write a superior paragraph/song/etc.
- Sources must be cited using MLA format
  - <http://filtech.wikispaces.com/Citations>